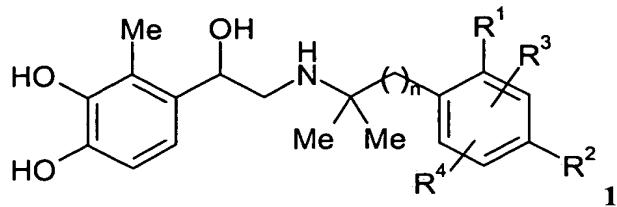


**We Claim:**

1. A compound of formula 1



wherein:

n is 1, 2, or 3;

R<sup>1</sup> is -C<sub>1</sub>-C<sub>4</sub>-alkyl; and

R<sup>2</sup>, R<sup>3</sup>, and R<sup>4</sup>, which are identical or different, are each hydrogen, -C<sub>1</sub>-C<sub>4</sub>-alkyl, -OH, -O-C<sub>1</sub>-C<sub>4</sub>-alkyl, -C<sub>1</sub>-C<sub>4</sub>-alkylene-halogen, -C<sub>1</sub>-C<sub>4</sub>-alkylene-OH, -C<sub>1</sub>-C<sub>4</sub>-alkylene-O-C<sub>1</sub>-C<sub>4</sub>-alkyl, -CF<sub>3</sub>, -CHF<sub>2</sub>, -NH<sub>2</sub>, -NH(C<sub>1</sub>-C<sub>4</sub>-alkyl), -N(C<sub>1</sub>-C<sub>4</sub>-alkyl)<sub>2</sub>, halogen, -COOH, -COO-C<sub>1</sub>-C<sub>4</sub>-alkyl, -NHCO-C<sub>1</sub>-C<sub>4</sub>-alkyl, -NHSO<sub>2</sub>-C<sub>1</sub>-C<sub>4</sub>-alkyl, or -SO<sub>2</sub>NH<sub>2</sub>,

or an acid addition salt thereof.

2. The compounds of formula 1 according to claim 1, wherein

n is 1 or 2;

R<sup>1</sup> is methyl or ethyl; and

R<sup>2</sup>, R<sup>3</sup>, and R<sup>4</sup>, which are identical or different, are each hydrogen, methyl, ethyl, -OH, methoxy, ethoxy, -CH<sub>2</sub>F, -CH<sub>2</sub>Cl, -CH<sub>2</sub>Br, -CH<sub>2</sub>CH<sub>2</sub>F, -CH<sub>2</sub>CH<sub>2</sub>Cl, -CH<sub>2</sub>CH<sub>2</sub>Br, -CH<sub>2</sub>OH, -CH<sub>2</sub>CH<sub>2</sub>OH, -CH<sub>2</sub>Omethyl, -CH<sub>2</sub>CH<sub>2</sub>Omethyl, -CH<sub>2</sub>Oethyl, -CH<sub>2</sub>CH<sub>2</sub>Oethyl, -CF<sub>3</sub>, -CHF<sub>2</sub>, -NH<sub>2</sub>, -NHmethyl, -NHethyl, -N(methyl)<sub>2</sub>, -N(ethyl)<sub>2</sub>, fluorine, chlorine, bromine, -COOH, -COOmethyl, -COOethyl, -NHCO-methyl, -NHCO-ethyl, -NHSO<sub>2</sub>-methyl, or -NHSO<sub>2</sub>-ethyl,

or an acid addition salt thereof.

3. The compound of formula 1 according to claim 1, wherein:

n is 1 or 2;

R<sup>1</sup> is methyl or ethyl; and

$R^2$ ,  $R^3$ , and  $R^4$ , which are identical or different, are each hydrogen, methyl, ethyl, -OH, methoxy, ethoxy, - $CH_2F$ , - $CH_2CH_2F$ , - $CH_2OH$ , - $CH_2CH_2OH$ , - $CH_2O$ methyl, - $CH_2CH_2O$ methyl, - $CH_2O$ ethyl, - $CH_2CH_2O$ ethyl, - $CF_3$ , or - $CHF_2$ , or an acid addition salt thereof.

4. The compound of formula 1 according to claim 1, wherein:

$n$  is 1 or 2;

$R^1$  is methyl or ethyl; and

$R^2$ ,  $R^3$ , and  $R^4$ , which are identical or different, are each hydrogen, methyl, ethyl, -OH, methoxy, ethoxy, - $CF_3$ , or - $CHF_2$ ,

or an acid addition salt thereof.

5. The compound of formula 1 according to claim 1, wherein:

$n$  is 1 or 2;

$R^1$  is methyl or ethyl; and

$R^2$ ,  $R^3$ , and  $R^4$ , which are identical or different, are each hydrogen, methyl, ethyl, -OH, or - $CF_3$ ,

or an acid addition salt thereof.

6. The compound of formula 1 according to claim 1, wherein:

$n$  is 1 or 2;

$R^1$  is methyl or ethyl; and

$R^2$ ,  $R^3$ , and  $R^4$ , which are identical or different, are each hydrogen, methyl, or -OH, or an acid addition salt thereof.

7. The compound of formula 1 according to claim 1, wherein:

$n$  is 1 or 2;

$R^1$  is methyl or ethyl;

$R^2$  is hydrogen; and

$R^3$  and  $R^4$ , which are identical or different, are each hydrogen, methyl, or -OH, or an acid addition salt thereof.

8. The compound of formula 1 according to claim 1, wherein n is 1, or an acid addition salt thereof.
9. The compound of formula 1 according to claim 2, wherein n is 1, or an acid addition salt thereof.
10. The compound of formula 1 according to claim 3, wherein n is 1, or an acid addition salt thereof.
11. The compound of formula 1 according to claim 4, wherein n is 1, or an acid addition salt thereof.
12. The compound of formula 1 according to claim 5, wherein n is 1, or an acid addition salt thereof.
13. The compound of formula 1 according to claim 6, wherein n is 1, or an acid addition salt thereof.
14. The compound of formula 1 according to claim 7, wherein n is 1, or an acid addition salt thereof.
15. A pharmaceutical composition comprising an effective amount of a compound of formula 1 according to one of claims 1 to 14 or an acid addition salt thereof and a pharmaceutically acceptable excipient or carrier.
16. A method for treatment of a disease that benefits from treatment with anticholinergics in a patient, the method comprising administering to the patient in need thereof an effective amount of a compound of formula 1 according to one of claims 1 to 14 or an acid addition salt thereof.

17. A method for restoring sinus rhythm in the heart in atrioventricular block or treatment of a disease or condition selected from asthma, COPD, inflammatory and obstructive respiratory complaints, premature labor in midwifery (tocolysis), bradycardic heart rhythm disorders, cardiovascular shock, or itching and irritations of the skin in a patient, the method comprising administering to the patient in need thereof an effective amount of a compound of formula 1 according to one of claims 1 to 14 or an acid addition salt thereof.